

October 14, 2013

Project No. 10627.003.0

Ms. Chand Sultana
California Environmental Protection Agency
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

**Re: Quarterly Summary Report
Third Quarter 2013
Alcoa Cast Plate Division Site
3200 Fruitland Avenue, Vernon, California
Docket No. HAS-CO 09/10-121**

Dear Ms. Sultana:

Pursuant to the July 6, 2010, Imminent and Substantial Endangerment Determination and Consent Order (Order) between the California Department of Toxic Substances Control (DTSC) and Pechiney Cast Plate, Inc. (Pechiney; the Respondent), this quarterly summary report is hereby submitted by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of the Respondent. As specified in the Order, this report provides a summary of the activities performed during the reporting period of July 1, 2013 through September 30, 2013 (third quarter 2013), and for the other elements outlined in Section 6.3 of the Order for the property located at 3200 Fruitland Avenue in Vernon, California (site). A summary of the activities conducted during the reporting period and for the elements outlined in the Order is provided below.

Tasks Completed During the Reporting Period (Third Quarter 2013 – July 1 through September 30)

- Continued operation, maintenance, and monitoring (OMM) of the soil vapor extraction (SVE) system for the Phase I area (northern parcel) in July 2013. The system was shut down in early August 2013 to demobilize the above grade piping and treatment system to support the below grade demolition work.
- Conducted the third quarter groundwater monitoring event as outlined in the Remedial Action Plan (RAP) for the existing groundwater monitoring wells AOW-6, -8, -9, and -10 on July 23 and 24, 2013.
- Received South Coast Air Quality Management District (SCAQMD) approval of the various location permit application for the operation of the thermal oxidation system in the Phase III/IV area. Operation of the system will begin with the issuance of the propane and electrical permits.
- Began installation of the thermal oxidation system and associated equipment in the Phase III/IV area (southern parcel).

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- Conducted project update conference calls with DTSC on July 30, 2013 and August 13, 2013 to discuss the progress of the SVE systems and the schedule for the below grade demolition and remediation work. Periodic schedule updates were also provided to the City of Vernon Community Services (Community Services) and Environmental Health Department (EHD) and U.S. Environmental Protection Agency.
- Met with Community Services on July 11, 2013 to discuss the conceptual design for the revised grading plan depicting the proposed separation of the property into two parcels. The revised grading plan was submitted to Community Services on August 5, 2013, and a meeting was held with Community Services on August 7, 2013 to discuss the revisions. In addition:
 - Comments to the August 5, 2013 revised grading plan and drainage report were received from Community Services on August 12, 2013. Based on the comments, a response to the comments and revised plans were submitted to Community Services on August 19, 2013.
 - Additional comments to the grading plan were issued by Community Services on August 22, 2013, and a response to the comments and a revised set of plans were submitted to Community Services on September 10, 2013. Community Services issued its concurrence of the grading plan in late September 2013.
- Submitted the second quarter groundwater monitoring report to DTSC in August 2013 (report dated August 19, 2013).
- Began the below grade demolition and soil removal work in the Phase I and II areas on August 19, 2013.

Results of Sampling and Significant Findings Obtained During the Reporting Period

- The third quarter 2013 groundwater monitoring event was conducted in July and the sampling results will be provided to DTSC during the fourth quarter of 2013.
- Implementation of the below grade demolition and soil removal work began on August 19, 2013. Sampling results associated with this work will be provided to the DTSC in a report following the completion of the work.

Tasks Anticipated During the Current Reporting Period (Fourth Quarter 2013 – October 1 through December 31)

- Continue below grade demolition and soil removal work in the Phase I and II areas, and begin site grading of these areas.
- Begin startup testing and operation of the thermal oxidation system for the Phase III/IV areas.



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- Conduct the fourth quarter groundwater monitoring event in November 2013 as outlined in the RAP.

Tasks Planned for the Next Reporting Period (First Quarter 2014 – January 1 through March 31)

- Complete site grading in the Phase I and II areas.
- Continue quarterly groundwater monitoring and reporting.
- Continue OMM activities for the SVE system for the Phase III/IV area and reporting associated with the SVE systems.
- Reinstall the SVE system and above grade piping in the Phase I area and continue the operation of the SVE system.

Tasks Not Completed or Anticipated Problems in Complying with the Order

- None identified during the reporting period.

If you have any questions or need any additional information, please call me at (949) 642-0245.

Sincerely yours,
AMEC

Linda Conlan, PG
Principal Geologist

cc: William Adams, Pechiney
Gerald Pepper, Rio Tinto AUM Company
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